Please carefully read and save these instructions before attempting to assemble, maintain, install, or operate this product. Observe all safety information to protect yourself and others. Failure to observe the instructions may result in property damage and/or personal injury. Please keep instructions for future reference.

Important Operating Instructions

3 GALLON PANCAKE COMPRESSOR Model: 50959

CALIFORNIA PROPOSITION 65

WARNING: You can create dust when you cut, sand, drill or grind materials such as wood, paint, metal, concrete, cement, or other masonry. This dust often contains chemicals known to cause cancer, birth defects, or other reproductive harm. Wear protective gear.

WARNING: This product or its power cord may contain chemicals, including lead, known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

Important!

When using equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating manual with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, give them these operating instructions as well. We accept no liability for damage or accidents which arise due to non-observance of these instructions and the safety information herein.

Breathable Air Warning:

This compressor/pump is not equipped and should not be used "as is" to supply breathing quality air. For any application of air for human consumption, the air compressor/pump will need to be fitted with suitable in-line safety and alarm equipment. This additional equipment is necessary to properly filter and purify the air to meet minimal specifications for Grade D breathing as described in Compressed Gas Association Commodity Specification G 7.1 - 1966, OSHA 29 CFR 1910. 134, and/or Canadian Standards Associations (CSA).

CAUTION:

FOR YOUR OWN SAFETY READ INSTRUCTION MANUAL COMPLETELY AND CAREFULLY BEFORE OPERATING. Failure to follow all instructions as listed below may result in electrical shock, fire, and/or serious personal injury.

SPECIFICATIONS

Air Outlet: 1/4 inch – ¼" NPT
Air Pressure: Auto shutoff @ 100 PSI; Restart @ 85 PSI
Air Tank Capacity: 3 gallons
Air Flow Capacity: 0.6 SCFM @ 90 PSI; 1 SCFM @ 40 PSI
Single Stage Pump Feature: Overheat auto shutdown and restart

SAFETY INSTRUCTIONS

1) Keep your work area clean and well lit.

2) Do not operate the compressor in explosive atmospheres such as in the presence of flammable liquids, gases or dust. The sparks produced by the compressor may ignite flammable dust or fumes.

For warranty purchases, please keep your dated proof of purchase. File or attach to the manual for safekeeping.

3) Do not modify the outlet plug in any way.

4) Do not use adapter plugs with grounded compressors.

5) Do not expose the compressor to rain or wet conditions. It will increase the risk of electrical shock.

6) Do not abuse the cord. Keep it away from heat, oil, sharp edges or moving parts. If the cord is damaged in any way, do not use.

7) Stay alert while operating the compressor. Do not use while tired or under the influence of drugs, alcohol or medication.

8) Wear proper protective gear such as gloves, boots, and ANSI approved eye protection.

9) Ensure the compressor is shut off before connecting it to the power source, making any adjustments, changing accessories, storing or moving the compressor.

10) Do not use the compressor if the switch does not turn on and off.

11) Check the compressor for damages, misalignments, breakages or conditions that may affect the compressor during operation. If problems are present, do not use the compressor until they have been repaired.

12) Do not use the compressor for jobs it was not intended or overload the compressor.

13) Do not spray flammable liquid in a confined area or towards a hot surface. The spraying area must be well-ventillated. Do not smoke while spraying or spray near flames or flammable materials. Keep the compressor at least 20 feet away from explosive vapors.

14) Do not adjust the regulator higher than the marked maximum pressure.

15) Do not direct the air stream at people or animals.

16) Do not leave the compressor plugged in while unattended.

17) Drain the tank daily and after use. A rusted tank causes failure and explosion.

18) Do not remove the valve cover or adjust internal components.

19) Do not use the air hose to move the compressor.

20) The compressor head gets hot during use. Do not touch it during or immediately after use.

21) Release the tank pressure before moving.

22) Only use accessories that are rated at a minimum working pressure of 150 PSI.

ASSEMBLY

1) Ensure the power switch is OFF and the unit is unplugged.

2) Attach recoil hose to the regulator manifold using an open end wrench. Fully open all regulators and valves.

3) Plug in the power cord.

4) Turn the power switch ON and press the reset button next to the switch.

5) Allow the unit to run for 15 minutes. Air will flow freely through the air hose

6) Turn the power switch OFF.

7) Unplug the power cord and remove the male coupler.

OPERATION

Note: Allow adequate time when filling tires. Large tires may require more time.

This product is designed for inflation, stapling, brad nailing and air brushing.

1) Turn the red regulator knob completely counterclockwise.

2) Close the drain valve.

3) Plug the power cord into a grounded 120V electrical outlet.

4) Turn the power switch ON. Press the reset button next to the switch.

5) Allow the compressor to build up air compressor. DO NOT use the compressor until it shuts off (approx. 4 minutes).

6) After the compressor builds up enough pressure and shuts off, adjust he regulator knob so that the air output is enough to properly power the tool. Ensure the output will not exceed the tool's maximum air pressure.

Turning the knob clockwise will increase the pressure and turning it counterclockwise will decrease the pressure. Always gradually adjust the pressure while checking the output gauge.

7) Close the in-line shutoff valve between the compressor and the air hose.

8) Make sure the air tool's switch is in the OFF position.

9) Connect the air tool to the air hose.

10) Open the in line shutoff valve..

11) Use the tool as needed.

12) After the job is completed, turn the power switch OFF and unplug the air compressor.

13) Close the in line shut off valve. Bleed the air from the tool and disconnect it.

14) Turn the drain valve, at the bottom of the tank, two turns to release any build up moisture and the internal tank pressure. Close the valve after the moisture ahs drained out. Do not remove the drain valve.

15) Clean and store the air compressor indoors.

Emergency Depressurization: If it is necessary to quickly depressurize the compressor, turn the power switch OFF and then pull on the safety valve ring to quickly release stored air pressure.

NOTE: Check for air leaks while the air compressor is pumping and after air pressure cut-out by applying soapy water to the connections. Do not use the compressor unless all the connections are air tight. Extra air leaking out will cause the compressor to operate too often and will increase wear on the compressor.

NOTE: As long as the power switch is ON, the compressor's operation is automatic and controlled by an internal pressure switch. The compressor will turn on automatically when the air pressure drops to 85 PSI and will turn off automatically when the air pressure reaches 100 PSI.

DO NOT MODIFY THE AIR PRESSURE SETTINGS OF THE INTERNAL PRESSURE SWITCH. Changing the automatic pressure levels may cause excess pressure to accumulate and will cause a hazardous situation and void the warranty.

Automatic Shut-Off System

If the compressor automatically shuts off:

1) Shut off all tools.

2) Allow the compressor to cool down (approx. 10 minutes).

3) Press the reset button to start the operation.

4) Resume operation.

Possible repeated automatic shut off causes are using an extension cord that is too long or narrow or an air leak or open hose is causing the compressor to cycle too often and build up heat. Correct any issues before continuing to use the compressor.

MAINTENANCE

Before each use:
Inspect the compressor for loose hardware, binding of or misalignment of moving parts, cracked for broken parts, damaged electrical wiring and any other condition that may affect its operation. If the power cord is damaged, it must be replaced by a qualified technician.

After use:
Wipe the external surfaces with a clean cloth.

MAINTENANCE SCHEDULE

Note: The frequency of use and environment in which it is used will affect how often you need to check the components and perform maintenance.

Daily:
1) Make sure the nuts and bolts are tight

2) Drain moisture from the air tank.

3) Check for abnormal noise or vibration.

4) Check for air leaks by applying soapy water to joints while the air compressor is pressurized. Look for air bubbles.

5) Wipe off any oil or dirt from the compressor by using a damp cloth with a mild detergent or solvent.

Monthly:
Inspect safety valve

Draining the Moisture from the Tank

The drain tank is located under the tank. It must be accessed daily to release all trapped air and moisture from the tank. This will eliminate condensation which can cause internal tank corrosion.

To empty the air and condensation:

1) Switch the compressor OFF.

2) Place a collection pan under the drain tank.

3) Unthread the drain valve two or three turns ONLY.

4) When all the pressure and moisture is released, close the valve.

Limited Manufacturer Warranty

North American Tool (NAT) Industries makes every effort to ensure that this product meets high quality and durability standards. NAT warrants to the original retail consumer a 1-year limited warranty from the date the product was purchased at retail and each product is free from defects in materials. Warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence or accidents, repairs or alterations, or a lack of maintenance. NAT shall in no event be liable for death, injuries to persons or property, or for incidental, special or consequential damages arising from the use of our products. To receive service under warranty, the original manufacturer part must be returned for examination by an authorized service center. Shipping and handling charges may apply. If a defect is found, NAT will either repair or replace the product at its discretion.

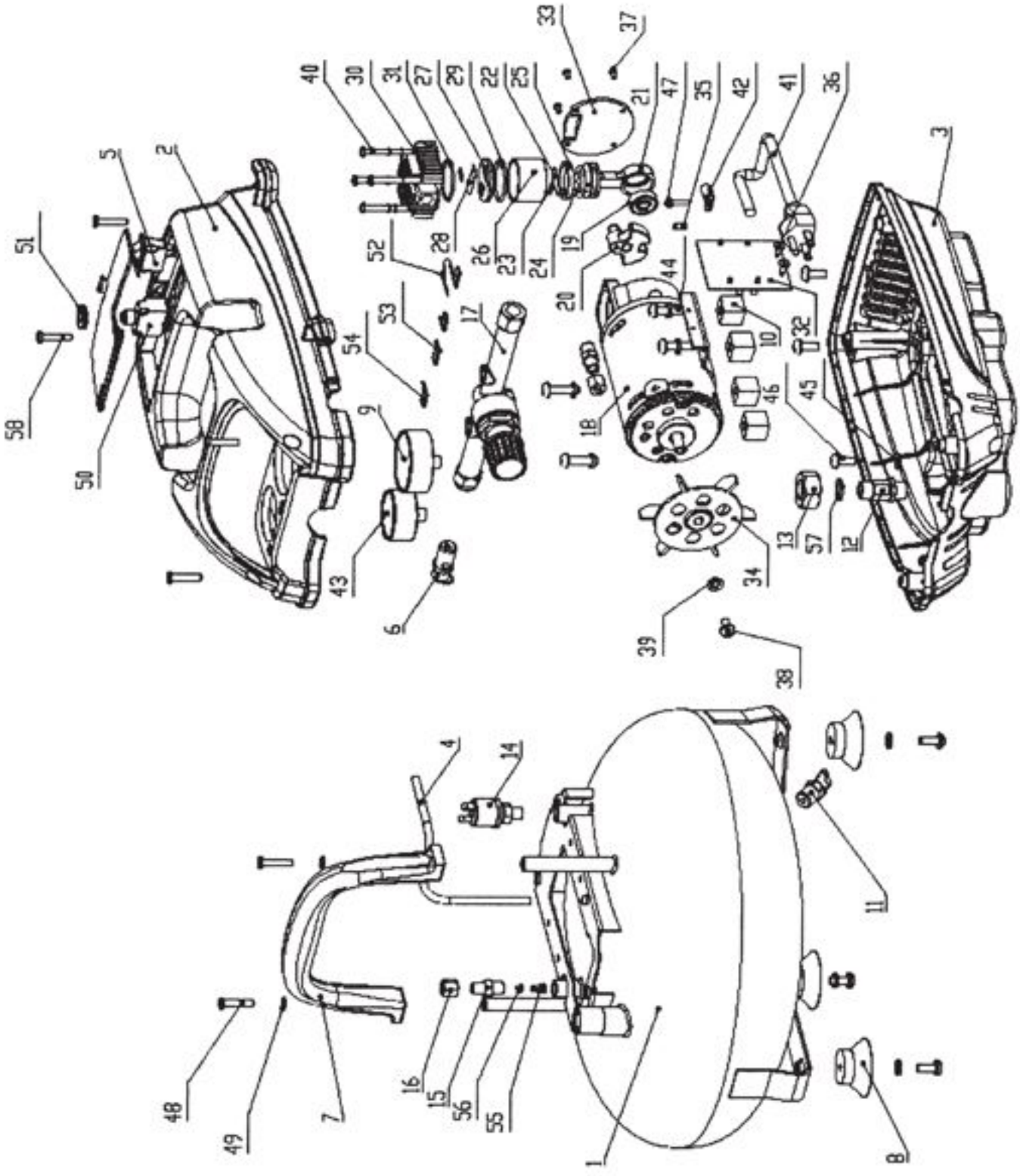
DO NOT RETURN TO STORE

For Customer Service:
Email: feedback@natitools.com or Call 1-800-348-5004

3 GALLON PANCAKE COMPRESSOR

Model: 50959

Parts List



Call 1-800-348-5004 for assistance or replacement parts

Please provide the following information:

- *Model number*
- *Part description and number as shown in parts list*
- *Serial number (if any)*

Address any correspondence to:

North American Tool Industries
84 Commercial Rd
Huntington, IN 46750

NO	Description	QTY
1	Tank	1
2	Upper Cover	1
3	Bottom Cover	1
4	Copper Tube	1
5	Switch	1
6	Safety Valve	1
7	Handle	1
8	Foot	3
9	Pressure Output Gauge	1
10	Damping Pad	4
11	Drain Valve Assembly	1
12	Connecting Tube	1
13	Nut	1
14	Pressure Switch	1
15	Connector	2
16	Nut	1
17	Regulator	1
18	Motor Assembly	1
19	608-2Z Bearing	3
20	Crank	1
21	Piston	1
22	Air Input Valve	1
23	Copper Plane Keeper	2
24	O-Ring	1
25	Piston Ring	1
26	Cylinder	1
27	Outlet Valve Cover	1
28	Outlet Valve	1
29	O-Ring	1

NO	Description	QTY
30	Cylinder Cover	1
31	O-Ring	1
32	Circuit Board	1
33	Muffler	1
34	Fan	1
35	M5x10 Screw	1
36	M4x8 Screw	2
37	M3x6 Screw	4
38	M6x10 Screw	1
39	Washer	11
40	M2x40 Screw	4
41	Power Cord	1
42	Cord Holder	1
43	Tank Pressure Gauge	1
44	Screw	4
45	Lock Washer	1
46	M6x15 Screw	6
47	Screw	1
48	M5x25 Screw	2
49	Washer	2
50	Reset Button	1
51	Overload Protector Nut	1
52	Electric Wire	1
53	Terminal Sheath	2
54	Terminal	2
55	Spring	1
56	Ball	1
57	O-Ring	1
58	Screw	4